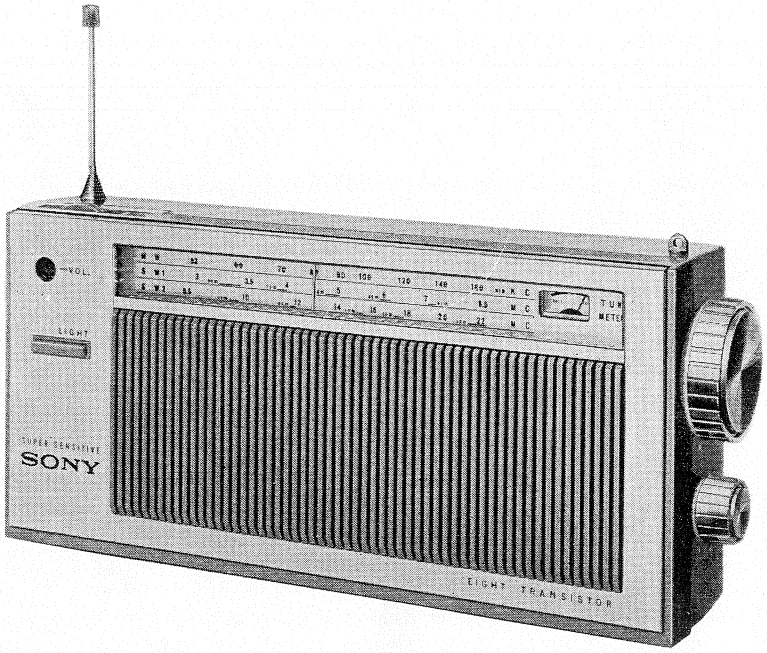


Specifications

Circuit :	8 Transistor Superheterodyne
Frequency Coverage :	MW 530 ~ 1,605 Kc (566 ~ 187 m)
	SW 1 3 ~ 8.5 Mc (100 ~ 35.3 m)
	SW 2 8.5 ~ 22 Mc (35.3 ~ 13.6 m)
Antenna System :	MW & SW 1 Built-in Ferrite Bar Antenna
	SW 2 Built-in Telescopic Antenna
Intermediate Frequency :	455 Kc
Maximum Sensitivity :	MW 29 dB (28μV/m)
(at 50 mW output)	SW 1 28 dB (25μV/m)
	SW 2 30 dB (32μV/m) with 10 dB S/N
Selectivity :	MW 20 dB at 10 Kc off resonance, at 1,400 Kc
Output Power :	260 mW (undistorted)
	450 mW (maximum)
Current Drain :	12mA at zero signal, 140 mA at 260 mW output
Speaker :	Oval type, 4″ × 2-1/2″ (10 × 6.5 cm) PM Dynamic, 8 Ω
Power Source :	3 " C " Size Flashlight Batteries, 4.5V in total
Dimensions :	9-1/2 (W) × 4-1/2 (H) × 2″ (D)
	(231 × 111 × 50 mm)
Weight :	2.1 lbs. 4 ozs. (1.03 Kg.) with Battery

Adjustments

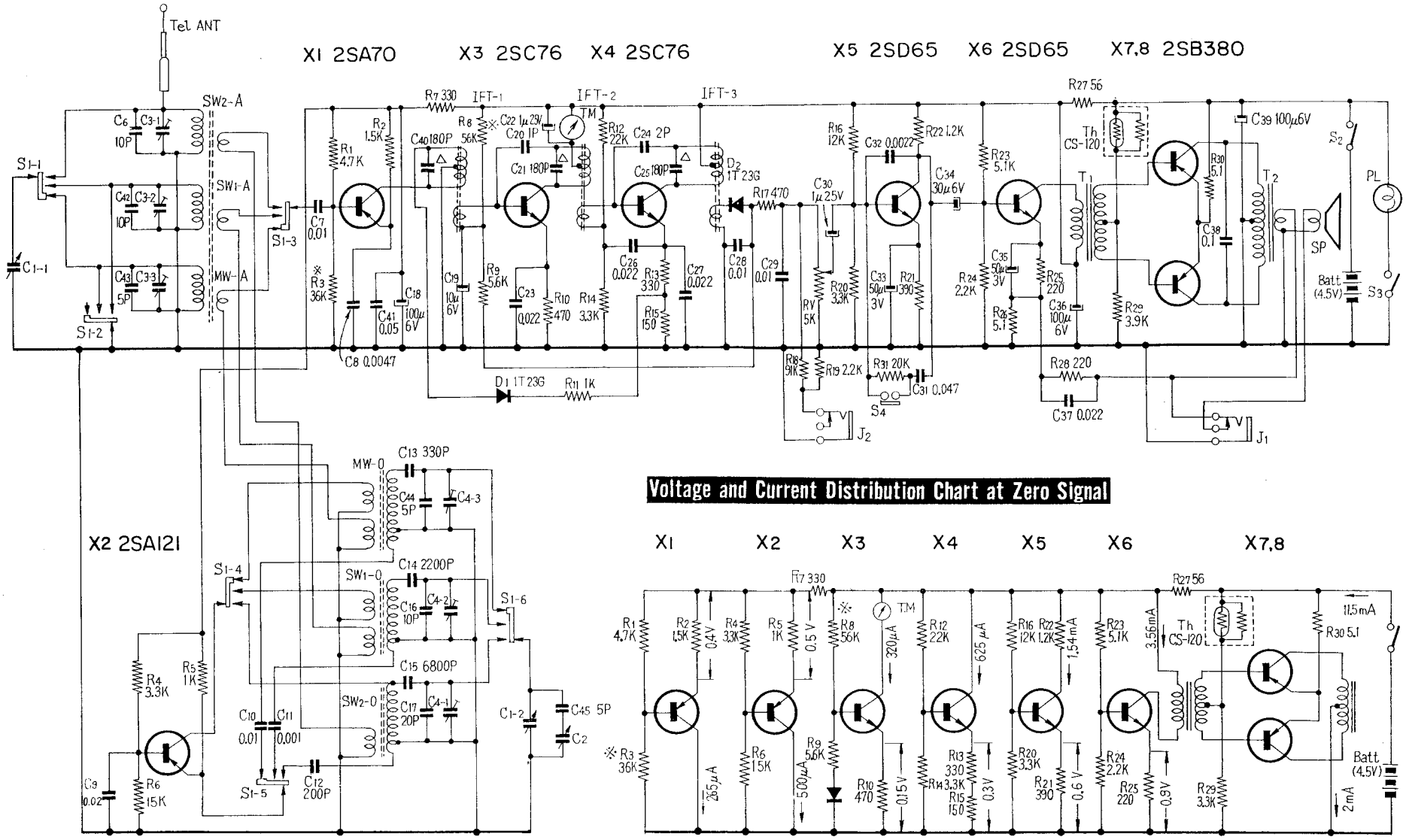
a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
MW	520 Kc	Core of MW OSC Coil (MW-0)	1,680 Kc	MW OSC Trimmer (C_{4-3})
SW_1	2.85 Mc	Core of SW_1 OSC Coil (SW_1-0)	8.65 Mc	SW_1 OSC Trimmer (C_{4-2})
SW_2	8.35 Mc	Core of SW_2 OSC Coil (SW_2-0)	22.6 Mc	SW_2 OSC Trimmer (C_{4-1})

b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
MW	620 Kc	Position of MW ANT Coil (MW-A)	1,400 Kc	MW ANT Trimmer (C_{3-3})
SW_1	2.85 Mc	Position of SW_1 ANT Coil (SW_1-A)	8.65 Mc	SW_1 ANT Trimmer (C_{3-2})
SW_2	8.35 Mc	Core of SW_2 ANT Coil (SW_2-A)	22.6 Mc	SW_2 ANT Trimmer (C_{3-1})

Schematic Diagram



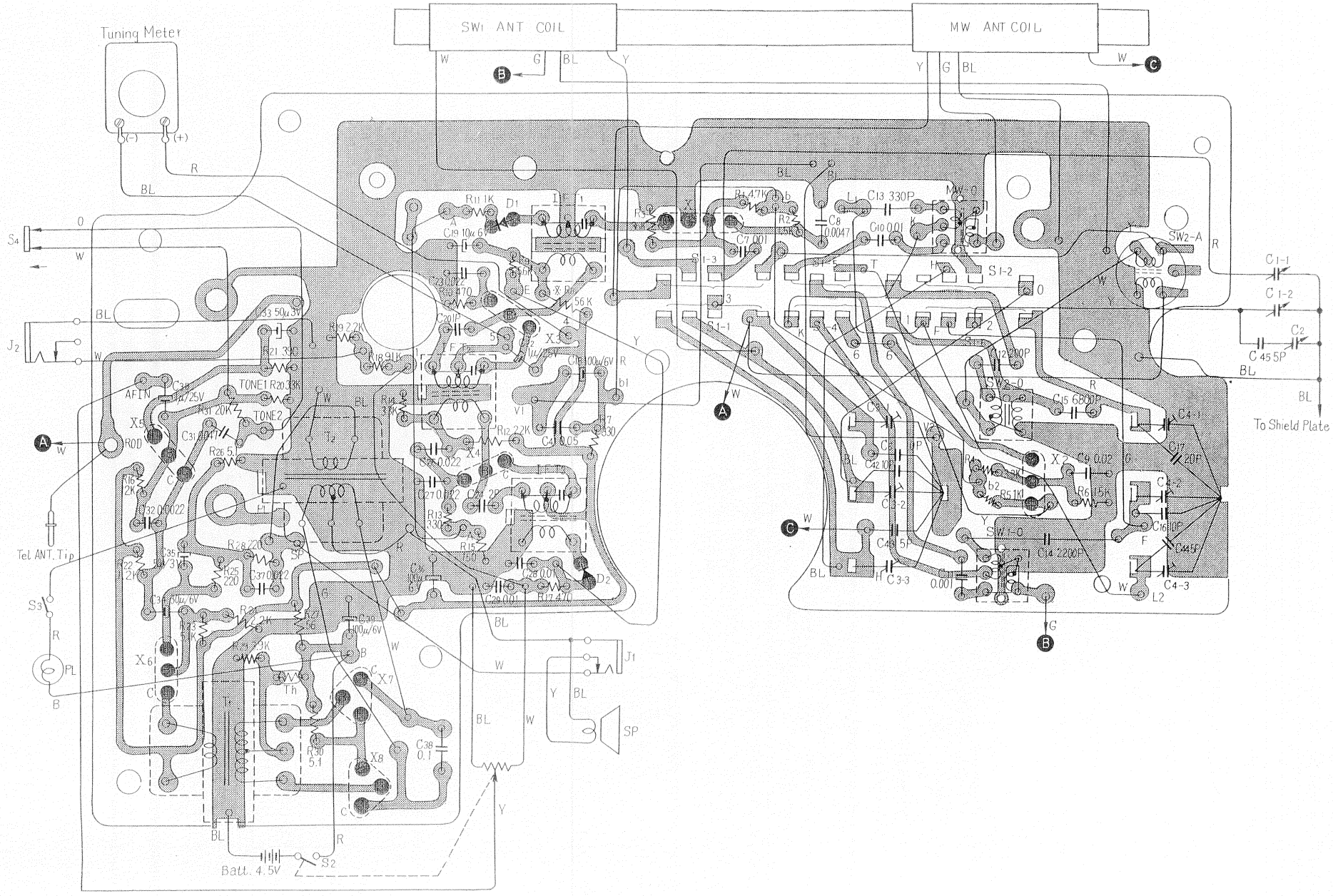
※ ·····To be adjusted

△ ·····Capacitors marked with △ are built in relative IF Transformers.

Voltage and Current Distribution Chart at Zero Signal

Mounting Diagram

—Printed Side—



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Mounting Diagram

—Parts Side—